

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently amended): A light source device, comprising:  
a light source lamp; and  
a reflector that reflects light emitted from the light source lamp, wherein the reflector is formed of a ceramic having a thermal conductivity of at least about 0.005 (cal/cm sec deg) at a temperature of 20°C, wherein the ceramic is composed of a material selected from the group consisting of Al<sub>2</sub>O<sub>3</sub>, 2MgO·SiO<sub>2</sub>, MgO·SiO<sub>2</sub>, ZrO<sub>2</sub>·SiO<sub>2</sub>, TiO<sub>2</sub>, SiC, Si<sub>3</sub>N<sub>4</sub>, ZrO<sub>2</sub>, and cermet.

Claim 2 (Original): A light source device in accordance with claim 1, wherein the ceramic has a thermal conductivity of at least about 0.004 (cal/cm·sec·deg) in a temperature range of about 0 to about 200°C.

Claim 3 (Canceled).

Claim 4 (Original): A light source device in accordance with claim 1, further comprising:

a transmissive front panel fitted in an opening of the reflector.

Claim 5 (Original): A light source device in accordance with claim 1, further comprising:

a cooling device that forcibly cools down the reflector.

Claim 6 (Original): A light source device in accordance with claim 1, further comprising:

a power source that activates the light source lamp.

Claim 7 (Currently amended): A projector, comprising:

an illuminating optical system including a light source device;

an electrooptic device that modulates light emitted from the illuminating optical system in response to image information; and

a projection optical system that projects a modulated light obtained by the electrooptic device,

the light source device comprising:

a light source lamp; and

a reflector that reflects light emitted from the light source lamp, wherein the reflector is formed of a ceramic having a thermal conductivity of at least about 0.005 (cal/cm sec deg) at a temperature of 20°C, wherein the ceramic is composed of a material selected from the group consisting of Al<sub>2</sub>O<sub>3</sub>, 2MgO·SiO<sub>2</sub>, MgO·SiO<sub>2</sub>, ZrO<sub>2</sub>·SiO<sub>2</sub>, TiO<sub>2</sub>, SiC, Si<sub>3</sub>N<sub>4</sub>, ZrO<sub>2</sub>, and cermet.

Claim 8 (Original): A projector in accordance with claim 7, wherein the ceramic has a thermal conductivity of at least about 0.004 (cal/cm·sec·deg) in a temperature range of about 0 to about 200°C.

Claim 9 (Canceled).

Claim 10 (Original): A projector in accordance with claim 7, further comprising:  
a transmissive front panel fitted in an opening of the reflector.

Claim 11 (Original): A projector in accordance with claim 7, further comprising:  
a cooling device that forcibly cools down the reflector.

Claim 12 (Original): A projector in accordance with claim 7, further comprising:  
a power source that activates the light source lamp.

Claim 13 (Original): A projector in accordance with claim 7, further comprising:  
a driving section that supplies the image information to drive the electrooptic device.

Claim 14 (Currently amended): A light source device in accordance with claim [[3]]  
1, wherein the material is Al<sub>2</sub>O<sub>3</sub>.

Claim 15 (Currently amended): A light source device in accordance with claim [[3]]  
1, wherein the material is  $2\text{MgO}\cdot\text{SiO}_2$ .

Claim 16 (Currently amended): A light source device in accordance with claim [[3]]  
1, wherein the material is  $\text{MgO}\cdot\text{SiO}_2$ .

Claim 17 (Currently amended): A light source device in accordance with claim [[3]]  
1, wherein the material is  $\text{ZrO}_2\cdot\text{SiO}_2$ .

Claim 18 (Currently amended): A light source device in accordance with claim [[3]]  
1, wherein the material is  $\text{TiO}_2$ .

Claim 19 (Currently amended): A light source device in accordance with claim [[3]]  
1, wherein the material is  $\text{SiC}$ .

Claim 20 (Currently amended): A light source device in accordance with claim [[3]]  
1, wherein the material is  $\text{Si}_3\text{N}_4$ .

Claim 21 (Currently amended): A light source device in accordance with claim [[3]]  
1, wherein the material is  $\text{ZrO}_2$ .

Claim 22 (Currently amended): A light source device in accordance with claim [[3]]  
1, wherein the material is cermet.

Claim 23 (Currently amended): A projector in accordance with claim [[9]] 7, wherein  
the material is  $\text{Al}_2\text{O}_3$ .

Claim 24 (Currently amended): A projector in accordance with claim [[9]] 7, wherein  
the material is  $2\text{MgO}\cdot\text{SiO}_2$ .

Claim 25 (Currently amended): A projector in accordance with claim [[9]] 7, wherein  
the material is  $\text{MgO}\cdot\text{SiO}_2$ .

Claim 26 (Currently amended): A projector in accordance with claim [[9]] 7, wherein  
the material is  $\text{ZrO}_2\cdot\text{SiO}_2$ .

Claim 27 (Currently amended): A projector in accordance with claim [[9]] 7, wherein the material is TiO<sub>2</sub>.

Claim 28 (Currently amended): A projector in accordance with claim [[9]] 7, wherein the material is SiC.

Claim 29 (Currently amended): A projector in accordance with claim [[9]] 7, wherein the material is Si<sub>3</sub>N<sub>4</sub>.

Claim 30 (Currently amended): A projector in accordance with claim [[9]] 7, wherein the material is ZrO<sub>2</sub>.

Claim 31 (Currently amended): A projector in accordance with claim [[9]] 7, wherein the material is cermet.

DISCUSSION OF THE AMENDMENT

Claim 1 has been amended by incorporating the subject matter of Claim 3 therein; Claim 3 has been canceled. Claim 7 has been amended by incorporating the subject matter of Claim 9 therein; Claim 9 has been canceled. Claims 14-22 have each been amended to depend on Claim 1. Claims 23-31 have each been amended to depend on Claim 7.

No new matter has been added by the above amendment. Claims 1, 2, 4-8 and 10-31 are now pending in the application.